



Amdt. Trans.

PATENT

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Our File No. A28203-A-FWC-B - 240/31259

Date February 24, 1997

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Soderlund et al.

Serial No. : 08/465,322 Examiner: C. Myers

Filed : June 5, 1995 Group Art Unit: 1807

For : A REAGENT FOR DETERMINING
SPECIFIC NUCLEOTIDE
VARIATIONS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

1. () Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
2. () A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
3. () No additional fee is required.

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on February 24, 1997.

Date of Deposit

Rochelle K. Seide
Attorney Name
Rochelle K. Seide
Signature

32,300

Registration No.

February 24, 1997

Date of Signature

The fee has been calculated as shown below:

Claims remaining after amendmt. (Col. 1)		Highest No. prev. paid for (Col. 2)		Present extra (Col. 3)		<u>SMALL ENTITY</u> RATE FEE		or	<u>OTHER THAN A SMALL ENTITY</u> RATE FEE	
Total	*	18	Minus **	20	=	0	x 11 = \$	<u>or</u>	x 22 = \$	0
Ind.	*	1	Minus ***	3	=	0	x 40 =	<u>or</u>	x 80 =	0
() First Presentation of Multiple Dependent Claim						+ 130 =		<u>or</u>	+ 260 =	
						TOTAL ADDITIONAL FEE		= \$	<u>or</u>	TOTAL = \$ 0

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
 ** If the "Highest No. prev. paid for" in this space is less than 20, write "20" in this space.
 *** If the "Highest No. prev. paid for" in this space is less than 3, write "3" in this space.

4.(a)(X) An Extension of Time to respond to the PTO communication dated August 23, 1996 is hereby requested. The required fee, indicated below, is enclosed herewith.

Extension for response (check only one):

	<u>SMALL ENTITY</u>	<u>OTHER THAN A SMALL ENTITY</u>
Within first month ()	\$ 55	() \$ 110
Within second month ()	195	() 390
Within third month ()	465	(XX) 930
Within fourth month ()	735	() 1,470

(check and complete the next item, if applicable)

- () An extension for _____ months has already been secured and the fee paid therefor of \$ _____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ 930.00

or

- (b)(X) In the event that an extension of time is required, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

5. () Please charge our Deposit Account No. 02-4377 in the amount of \$_____. Two copies of this sheet are enclosed.
6. (X) A check in the amount of \$ 930.00 is attached.
7. (X) The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 and/or 37 CFR 1.17 associated with this communication or credit any overpayment to Deposit Account No. 02-4377. Two copies of this sheet are enclosed.

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

By



Rochelle K. Seide

PTO Registration No. 32,300

Enclosures



930-
A28203-A-FWC-B - 240/31259

Q1807

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Soderlund et al.

Serial No.: 08/465,322

Examiner: C. Myers

Filed : June 5, 1995

Group Art Unit: 1807

For : METHOD AND REAGENT FOR
DETERMINING SPECIFIC
NUCLEOTIDE VARIATIONS

A M E N D M E N T

7/B
8/99
MAR 1 9 1997
588-97

GROUP 180

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

February 24, 1997

Date of Deposit

Rochelle K. Seide

Attorney Name

Rochelle K. Seide

Signature

32,300

PTO Reg. No.

February 24, 1997

Date of Signature

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In response to the Office Action in the above-identified application mailed August 23, 1996. Applicants request a three month extension of time and enclose the required fee for under 37 C.F.R. 1.17(c).

Please make the following amendments.

IN THE TITLE:

Please delete [Method and Reagent for Determining Specific Nucleotide Variations] and insert therefor --A Reagent for Determining Specific Nucleotide Variations--.

IN THE CLAIMS:

Please cancel claims 47-57.

2 Please add Claims 58-75.

Pub 12/20

58 A reagent for detecting the presence of a specific nucleotide at a predetermined position in a target nucleic acid polymer comprising

an oligonucleotide detection primer having a nucleotide sequence complementary to and capable of hybridizing to a region in the target nucleic acid polymer flanking the 3' end of the predetermined position,

such that the oligonucleotide detection primer, when hybridized to the target nucleic acid polymer, can form an oligonucleotide detection primer extension product by an enzyme catalyzed chain extension nucleic acid polymerization that adds to the oligonucleotide primer a labelled nucleotide complementary to the specific nucleotide at the predetermined position in the target nucleic acid polymer in the presence of an *polymerizing* ~~inducing~~ agent.

Sub D1

concl.

c